

C L A I M S

1. A method for controlling the disconnection of a wireline (4), of the kind used in wireline operations in a wellbore, from a wireline tool (8), the wireline (4) being provided with a conductor (6) arranged to communicate signals, characterized in that the signals are monitored at the wireline tool (8) by means of a lower monitoring and control circuit (24), and by disappearance of signals from the surface the lower monitoring and control circuit (24) activates a disconnect device (12) after a predetermined time, the disconnect device (12) being arranged to disconnect the wireline (4) from the wireline tool (8).
2. A method according to claim 1, characterized in that the disconnection can be activated or interrupted from a surface located monitoring and control unit (18).
3. A method according to claim 2, characterized in that the signals are monitored by the surface located monitoring and control unit (18), which gives a warning on activation of a disconnecting operation.
4. A device for controlling the disconnection of a wireline (4), of the kind used in wireline operations in a wellbore, from a wireline tool (8), the wireline (4) being provided with a conductor (6) arranged to communicate signals, characterized in that a lower monitoring and control circuit (24) disposed at the wireline tool (8) is arranged to monitor the signals on the conductor (6) and by disappearance of signals from the surface to activate, after a predetermined time, a disconnect device (12) which is

arranged to disconnect the wireline (4) from the wireline tool (8).